

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/CH2004/000247

A. CLASSIFICATION OF SUBJECT MATTER				
IPC 7	B01D33/06	B01D33/44	B01D35/12	B01D36/02

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 195 37 578 A (PASSAVANT WERKE) 10 April 1997 (1997-04-10) column 1, line 31 - line 50 column 2, line 13 - line 27; figures 1-5 -----	1-11
A	DE 22 61 203 A (MECAFINA SA) 12 July 1973 (1973-07-12) figures 1,2 -----	1-11
A	US 4 123 362 A (MANSOURI HOSEIN) 31 October 1978 (1978-10-31) figure 1 -----	1-11
A	DE 568 537 C (OLIVER UNITED FILTERS INC) 21 January 1933 (1933-01-21) figures 1,2 -----	1-11
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

° Special categories of cited documents :

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*&\* document member of the same patent family

Date of the actual completion of the international search

23 June 2004

Date of mailing of the international search report

01/07/2004

Name and mailing address of the ISA  
European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Sembritzki, T

**INTERNATIONAL SEARCH REPORT**International Application No  
PCT/CH2004/000247**C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 11 98 751 B (STAMICARBON) 19 August 1965 (1965-08-19) figure 1 -----	1-11

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No  
PCT/CH2004/000247

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 19537578	A	10-04-1997	DE	19537578 A1		10-04-1997
DE 2261203	A	12-07-1973	CH	553588 A	13-09-1974	
			AR	198069 A1	31-05-1974	
			AT	327114 B	12-01-1976	
			AT	1117072 A	15-03-1975	
			AU	464334 B2	07-08-1975	
			AU	5051272 A	04-07-1974	
			BE	793322 A1	16-04-1973	
			CA	993804 A1	27-07-1976	
			DD	100695 A5	05-10-1973	
			DE	2261203 A1	12-07-1973	
			DK	143222 B	27-07-1981	
			ES	410103 A1	16-12-1975	
			FI	55638 B	31-05-1979	
			FR	2166129 A1	10-08-1973	
			GB	1415880 A	03-12-1975	
			IL	41108 A	30-06-1976	
			IT	972563 B	31-05-1974	
			LU	66752 A1	27-02-1973	
			NL	7217814 A	03-07-1973	
			NO	135179 B	15-11-1976	
			SE	435613 B	08-10-1984	
			US	4090965 A	23-05-1978	
			YU	328972 A1	28-02-1982	
			ZA	7209119 A	31-10-1973	
US 4123362	A	31-10-1978		NONE		
DE 568537	C	21-01-1933		NONE		
DE 1198751	B	19-08-1965	GB	912148 A		05-12-1962